

# General Environmental Incident Summary

**Incident:** 2142      **Date/Time Notice:** 12/10/2013      1144      **DEM Incident No:**  
**Responsible Party:** Basin Service Company, Inc.  
**Date Incident:** 12/7/2013      **Time Incident:** 1730      **Duration:** 2 hours  
**County:** Bottineau      **Twp:** 161      **Rng:** 81      **Sec:** 4      **Qtr:** NE SE  
**Lat:** 48.79735      **Long:** -101.17090      **Method:** Calculated  
**Location Description:** Location: NESE 4-161-81 Footages: 1980 FSL 660 FEL  
4.5 Miles N, and 1 Mile W of Maxbass, ND  
**Submitted By:** Christopher Cooper      **Affiliation:** Basin Service Company, Inc.  
**Address:** PO Box 397  
**City:** Westhope      **State:** ND      **Zip:** 58793

## Received By:

**Contact Person:** Josh Lee  
PO Box 397  
Westhope, ND 58793

**Distance Nearest Occupied Building:** 2 Miles

**Type of Incident:** Tank Overflow

**Description of Released Contaminant:** Water with some oil emulsion

**Volume Spilled:** 20.00 barrels

**Ag Related:** No

**EPA Extremely Hazardous Substance:** No

**Reported to NRC:** Unknown

## Cause of Incident:

Murphy line froze, and the transfer pump did not kick on.

## Risk Evaluation:

None

**# of Fatalities:**

**# of Injuries:**

**Affected Medium:**

## Potential Environmental Impacts:

Well site ground covered. Will remove well site surface from about 150 square feet

## Action Taken or Planned:

**Wastes Disposal Location:** Waiting on Farden's to take contaminated soil to Prairie Waste disposal

**Agencies Involved:** Scott Dhile NDIC Field Tech

## Updates

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**Date:** 12/10/2013 **Status:** Reviewed - Assigned to Other Agency

**Author:** Roberts, Kris

### Updated Volume:

#### Notes:

Release remained on an E&P location, according to the report. NDIC will take oversight of this incident. Report forwarded to NDIC, O&G Division.

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**Date:** 12/16/2013 **Status:** Inspection

**Author:** Roberts, Kris

### Updated Volume:

#### Notes:

12/16/13 - 20:25 from motel room. Ran electrical conductivity screen using specific conductivity meter with cell constant K=10 probe. Specific conductivity at sample temperature of 8.1 deg. C = 114,300 uS/cm (microsiemens per centimeter).

Chloride by Hach Quantab for chloride, high range > 6,903 mg/L (tab reading of 9.8+ with chart ending at 9.0). % NaCl > 1.138% on same chart.

Will return Wednesday 12/18 to collect additional soil and water samples from both pad and potentially impacted wetland.

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**Date:** 12/16/2013 **Status:** Inspection

**Author:** Roberts, Kris

### Updated Volume:

#### Notes:

12/16/13 - 15:55 on location James Peterson 43-4R. Due to circumstances and his presence in the area, Roberts inspected the location. Photos with GPS. From area that appears impacted (blowing snow obscures some of the area), observed slushy snow underneath blowing snow between tank battery and wellhead. Also, location surface in that area is not frozen. Even walking across resulted in leaving footprints in pad surface below snow. Odor on boots when back in vehicle also indicates that remedial response, if done at all, was insufficient.

Was in contact with Bob Garbe, O&G district supervisor, and informed him of findings. O&G will follow up from here. There is a small slough to the east of the well location, and a large one to the east-northeast. There is possible flow off the site along the lease road at the northeast corner of the location. Sample of snow slush collected from that point. Will test with chloride strips.

According to O&G records, James M. Peterson is the well owner, land is owned by Darrell Peterson, and Basin Services pumps the well for Larry Peterson as pumper of record.

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**Date:** 8/19/2014 **Status:** Reviewed - No Action Required

**Author:** Suess, Bill

### Updated Volume:

#### Notes:

All impacts remained on well pad. It appears that impacted soils have been removed and transported off site. Soil conductivity reads ranged from 720 mS/cm to 1,430 mS/cm. No further action is warranted by NDDoH, and site should be closed.